


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
 The ACM Digital Library The Guide

[platform independent xml wireless](#)


Searching within **The ACM Digital Library** for: platform independent xml wireless (start a new search) Found 611 of 258,874

REFINE YOUR SEARCH
▼ Refine by Keywords
[platform independent](#)

[Discovered Terms](#)
▼ Refine by People
[Names](#)
[Institutions](#)
[Authors](#)
[Editors](#)
[Reviewers](#)
▼ Refine by Publications
[Publication Year](#)
[Publication Names](#)
[ACM Publications](#)
[All Publications](#)
[Content Formats](#)
[Publishers](#)
▼ Refine by Conferences
[Conferences](#)
[Sponsors](#)
[Events](#)
[Proceeding Series](#)
ADVANCED SEARCH
[Advanced Search](#)
FEEDBACK
[Please provide us with feedback](#)

Found 611 of 258,874

Search Results
Related Journals
Related Magazines
Related SI

Results 1 - 20 of 611

Sort by relevance date title

Save results to a Binder

Result page: [1](#) [2](#)

1 A spreadsheet approach to programming and managing sensor networks

[Alec Woo, Siddharth Seth, Tim Olson, Jie Liu, Feng Zhao](#)

April 2006 IPSN '06: Proceedings of the 5th international conference on sensor networks

Publisher: ACM

Full text available: [PDF \(991.41 KB\)](#)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 54, Download

We present a spreadsheet approach to simplifying the process of managing sensor networks and visualizing, archiving and retrieving sensor data. A simple example is built to demonstrate the idea. ...

Keywords: SQL server, data streams, excel, networked sensors

2 A framework for collaborative control of applications

[James R. Miller, Serhan Yengulalp, Patrick L. Sterner](#)

March 2005 SAC '05: Proceedings of the 2005 ACM symposium on Applications, systems, and technologies

Publisher: ACM

Full text available: [PDF \(439.48 KB\)](#)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 46, Download

Highly interactive applications are increasingly being used in decision support systems. In this paper, we propose a framework for collaborative control of applications. In this framework, applications are increasingly being used in decision support systems. The framework is designed to support collaborative environments in which ...

Keywords: collaborative techniques, remote application control

3 Efficient XML usage within wireless sensor networks

[Nils Hoeller, Christoph Reinke, Jana Neumann, Sven Groppe, Daniel Boenigk](#)

November 2008 WICON '08: Proceedings of the 4th Annual International Conference on Wireless Sensor Networks, Systems, and Applications

Publisher: ICST (Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering)

Full text available: [PDF \(1.23 MB\)](#)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 27, Download

Integrating wireless sensor networks in heterogeneous networks is a challenge. A standardized data exchange format that is supported in all participating

de facto standard data exchange ...

Keywords: XML, database management, programming language, wireless

4 [Code generation techniques for developing light-weight XML Web services](#)

Robert van Engelen

March 2004 **SAC '04: Proceedings of the 2004 ACM symposium on Applications of computer systems**

Publisher: ACM [Request Permissions](#)

Full text available: [PDF](#) (404.19 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 91, Download links

This paper presents specialized code generation techniques and runtime support for developing light-weight XML Web services for embedded devices. The optimizations are implemented in a C/C++ development environment for C and C++. ...

Keywords: Web Services, XML, embedded systems, networking

5 [The efficiency of XML as an intermediate data representation for wireless sensor networks](#)

Wayne Hanslo, Kenneth MacGregor

October 2004 **SAI CSIT '04: Proceedings of the 2004 annual research conference of the South African Institute for Computer Scientists and Information Technologists**

Publisher: South African Institute for Computer Scientists and Information Technologists

Full text available: [PDF](#) (69.96 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 33, Download links

Along with the advances in networking technologies, access to data services via wireless networks has increased in popularity but many issues have to be considered when writing applications for these networks. The main challenge is the limited resources and wireless networks ...

Keywords: SOAP, XML, design, measurement, middleware, mobile computing

6 [UML-based multiprocessor SoC design framework](#)

Tero Kangas, Petri Kukkala, Heikki Orsila, Erno Salminen, Marko Hannikainen, Jouni Riihimäki, Kimmo Kuusilinna

May 2006 **Transactions on Embedded Computing Systems (TECS)**

Publisher: ACM [Request Permissions](#)

Full text available: [PDF](#) (3.37 MB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 31, Downloads (12 Months): 215, Download links

This paper describes a complete design flow for multiprocessor systems. The design flow consists of several phases from system-level modeling to FPGA prototyping. The design of the system is performed in UML 2.0, and the abstraction level is gradually increased by raising the abstraction level ...

Keywords: UML 2.0, architecture exploration, design flow

7 [UML 2.0 Profile for Embedded System Design](#)

Petri Kukkala, Jouni Riihimäki, Marko Hannikainen, Timo D. Hamalainen, Kalle

March 2005 **DATE '05: Proceedings of the conference on Design, Aut**

Volume 2 , Volume 2

Publisher: IEEE Computer Society

Full text available:  [Pdf \(150.38 KB\)](#) Additional Information: [full citation](#), [abstra](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 75, Download

Unified Modeling Language (UML) 2.0 is emerging in the area of embedded systems. It includes a new UML 2.0 profile - called TUT-Profile - that introduces a set of stereotypes for describing the system, application, platform, and mapping. The ...

8 Using XForms to simplify Web programming

 Richard Cardone, Danny Soroker, Alpana Tiwari

May 2005 **WWW '05: Proceedings of the 14th international conference on the World Wide Web**

Publisher: ACM

Full text available:  [Pdf \(1.03 MB\)](#) Additional Information: [full citation](#), [abstra](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 148, Download

The difficulty of developing and deploying commercial web applications is increasing as the number of technologies they use increases and as the interactions between these technologies become more complex. This paper describes a way to avoid this increasing ...

Keywords: J2EE, MVC, Web application, XForms, XMLBeans, eclipse, web application

9 iMobile EE: an enterprise mobile service platform

Yih-Farn Chen, Huale Huang, Rittwik Jana, Trevor Jim, Matti Hiltunen, Sam Muthumanickam, Bin Wei

July 2003 **Wireless Networks** , Volume 9 Issue 4

Publisher: Kluwer Academic Publishers

Full text available:  [Pdf \(2.90 MB\)](#) Additional Information: [full citation](#), [abstra](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 137, Download

iMobile¹ is an enterprise mobile service platform that allows resource-limited mobile devices to interact with each other and to securely access corporate contents and services. The platform consists of devlets that ...

Keywords: content transcoding, middleware, mobile devices, mobile enterprise, mobile service

10 Benchmark of middleware protocols for application and service integration

 Pekka Pääkkönen, Daniel Pakkala

December 2008 **MUM '08: Proceedings of the 7th International Conference on Mobile Ubiquitous Computing, Information Management and User Experience**

Publisher: ACM 

Full text available:  [Pdf \(616.94 KB\)](#) Additional Information: [full citation](#), [abstra](#)

Bibliometrics: Downloads (6 Weeks): 26, Downloads (12 Months): 41, Download

A variety of protocols exist, which may be considered as messaging middleware. They include protocols for service interactions in distributed and technologically heterogeneous environments. They include text-based Simple Object ...

Keywords: GCM, Middleware, SIP, SOAP, message-oriented, performance

11 Intelligent pervasive middleware for context-based and localized tele

 Chatschik Bisdikian, Isaac Boamah, Paul Castro, Archan Misra, Jim Rubas, Raisin, Henry Huang, Craig Simonds

September 2002 **WMC '02: Proceedings of the 2nd international workshop on**

Publisher: ACM

Full text available:  [PDF \(565.14 KB\)](#)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 73, Download

Telematics is arguably the next-wave in mobile computing: with most of the embedded computing platforms, we shall witness the development of a wide range of applications with significant commercial potential. ...

Keywords: pervasive computing, telematics

12 Assessment of mobile experience engine, the development toolkit for

 Amitava Biswas, Tom Donaldson, Jagmit Singh, Sara Diamond, David Gaut

June 2006 **ACE '06: Proceedings of the 2006 ACM SIGCHI international conference on**

entertainment technology

Publisher: ACM

Full text available:  [PDF \(225.04 KB\)](#)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 76, Download

Non-technical designers are using pervasive, context aware and mobile technologies to deliver unique user experiences and new values. Designer, artists and technicians can and develop these new media applications. ...

Keywords: context-aware, design collaboration, games, new media, pervasive computing, software engineering

13 Playing the trade-off game: Architecture exploration using Coffeee

 Praveen Raghavan, Murali Jayapala, Andy Lambrecht, Javed Absar, Francis J. Farrelly

May 2009 **Transactions on Design Automation of Electronic Systems**

Publisher: ACM 

Full text available:  [PDF \(1.11 MB\)](#)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 41, Downloads (12 Months): 96, Download

Modern mobile devices need to be extremely energy efficient. Due to the constraints of battery power, energy-aware design exploration has become increasingly important. Current tools either support energy estimation, or require ...

Keywords: Energy, VLIW, architecture exploration, area, compiler-architectures, design automation, design exploration, energy-aware design, energy estimation, power estimation, power-performance trade-off

14

 Cultural applications for mobile devices: Issues and requirements for mobile platforms

Daphne Economou, Damianos Gavalas, Michael Kenteris, George E. Tsekos
July 2008 SIGMOBILE Mobile Computing and Communications Rev

Publisher: ACM

Full text available:  Pdf (1.10 MB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 41, Downloads (12 Months): 345, Downl

This paper explores requirements that authoring tools and development development of cultural applications tailored for deployment on Persona phones. To effectively determine such ...

15 Model-based service discovery for future generation mobile systems

 Kun Yang, Chris Todd, Shumao Ou

July 2006 I WCMC '06: Proceedings of the 2006 international conference mobile computing

Publisher: ACM 

Full text available:  Pdf (333.33 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 53, Downloa

The practical success of the future generation mobile systems such as 4 providing adaptive and cost-effective services. Service discovery is an e Based on the investigation ...

Keywords: model-driven architecture, service discovery, system design

16 Models for universal usability

 Fabio Paternò

November 2003 I HOM 2003: Proceedings of the 15th French-speaking confe on 15eme Conference Francophone sur l'Interaction Homm

Publisher: ACM

Full text available:  Pdf (653.15 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 56, Downloa

This paper discusses how model-based approaches can support design of challenges raised by universal usability, such as the possibility of obt any device and usability evaluation ...

Keywords: abstract user interfaces, authoring environments, heteroge interfaces, remote evaluation, task Models

17 System support for pervasive applications

 Robert Grimm, Janet Davis, Eric Lamar, Adam Macbeth, Steven Swanson, Gaetano Borriello, Steven Gribble, David Wetherall

November 2004 Transactions on Computer Systems (TOCS) , Volume 22 I

Publisher: ACM 

Full text available:  Pdf (1.82 MB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 57, Downloads (12 Months): 356, Downl

Pervasive computing provides an attractive vision for the future of comp

available everywhere. Mobile and stationary devices will dynamically coordinate people in accomplishing their tasks. ...

Keywords: Asynchronous events, checkpointing, discovery, logic/operators, pervasive computing, structured I/O, tuples, ubiquitous computing

18 [Simulation of large scale networks III: ROSS.Net: optimistic parallel simulation of internet models](#)

David Bauer, Garrett Yaun, Christopher D. Carothers, Murat Yuksel, Shiyu Li

December 2003 **WSC '03: Proceedings of the 35th conference on Winter simulation**

Publisher: Winter Simulation Conference

Full text available:  [Pdf \(1.34 MB\)](#)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 27, Download

ROSS.Net brings together the four major areas of networking research: simulation, measurement and protocol design. ROSS.Net is a tool for computing large-scale network simulations. It is designed to support the simulation of components such as a discrete-event simulation ...

19 [A distributed embedded web based automated testbed for wireless sensor networks](#)

 [DOI](#) Lars Möllendorf, David Rahusen, Daniel Schauenberg, Axel Sikora

June 2009 **IWCNC '09: Proceedings of the 2009 International Conference on Wireless and Mobile Computing: Connecting the World Wirelessly**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf \(2.79 MB\)](#)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 12, Download

Tests of distributed wireless networks pose various challenges with regard to the design of the testbed. In this contribution a novel testbed architecture is presented, which is able to support the test of distributed wireless networks. ...

Keywords: AJAX, JavaScript library, embedded web server, energy-aware, energy efficiency, energy management, energy-awareness, energy-awareness management, energy-awareness management system, energy-awareness management system for wireless sensor network

20 [Middleware for distributed services and mobile applications](#)

 [DOI](#) Altor Uribarri, Jorge Parra, J. P. Uribe, Maider Zamalloa, Kepa Makibar

May 2006 **InterSense '06: Proceedings of the first international conference on mobile sensor networks**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf \(120.36 KB\)](#)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 44, Download

In this paper, we describe the middleware that has evolved from our architecture for user-aware services in ubiquitous environments. User mobility can cause user-preferred applications are not installed ...

Result page: 1 [2](#)

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [RealPlayer](#)